

The Phase Separation of Surface-Active Additions
at Defects in the Crystal Structure of Metals,
by V. N. Rozhanskiy, 3 pp.

RUSSIAN, per, Dok Ak. Nauk SSSR, Vol CXXVIII, No 6,
1959, pp 1171-.

Amer Inst of Phys
Sov Phys-Doklady
Vol. IV, No 5

Sci1

May 60

118,106

Liquid-Phase Oxidation of Olefins in the Presence of
Boric Acid, by A. N. Bashkirev, Shiman Pal, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII, No 6,
1959, pp 1175-1178.

OTS 77-64-10098

CB

ATS-RJ-2402

and ATS-16M39R

Sci - Chem

Sep 60

127,749

Inhibition of the Chain Decomposition of Polymers
by Disrupting Structural Homogeneity Through
Copolymerization, by A. T. On'minskaya, A. G.
Popov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII,
No 6, 1959, pp 1179-1181.

CB

Sci - Chem
Sep 60

127,751

Condensation of the Sodium Salt of the Ethyl Ester of
1,3-Indanedione-2-Carboxylic Acid With Diazotized
Nitroanilines, by E. Yu. Gudrinietse, G. Ya. Vanag,
L. Yu. Sakhar, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII, No 6,
1959, pp 1182-1184.

CB

Sci - Chem
Sep 60

127,752

The Synthesis of Some Carbon-Substituted
Rhamnoses, by Yu. A. Zhdanov, G. A. Korol'chenko,
L. A. Kubasskaya, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII,
No 6, 1959, pp 1185-1187.

CB

Sci - Chem
Sep 60

127,754

On the Concurrent Formation of Five- and Six-Membered Rings From Paraffins (C₅- and C₆-Dehydrocyclization) Over Platinized Carbon, by B. A. Kazanskiy, A. L. Liberman, G. V. Loza, T. V. Vasina, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII, No 6, 1959, pp 1188-1191.

ATS-RJ-2288
CB

Sci - Chem
Sep 60

127,753

Chlorination of Monochloropropanes, by B. A.
Krentsel', A. V. Topchiyev, D. E. Il'ina, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII,
No 6, 1959, pp 1192-1195.

CB

Sci - Chem
Sep 60

127,755

Application of the Hammett Equation to Isotopic
Hydrogen-Exchange Reactions, by D. N. Kursanov,
V. A. Zdanovich, Z. N. Parnes, 4 pp.

I
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII,
No 6, 1959, pp 1196-1197.

CB

Sci - Chem
Sep 60

127,756

Rearrangement of Esters of α -Hydroxyalkylphosphonic
Acids into the Isomeric Phosphates, by V. A. Kukhtin,

RUSSIAN, per. Dok Ak. Nauk SSSR, Vol CXXVIII, No 6,
1959, pp 1198-1200.

ATS RJ-2136

CB

Sci - Chem

May 60

115,422

A New Method for the Synthesis of Unsymmetrical
Acyl Peroxides, by Yu. A. Ol'dekop, A. N.
Sevchenko, I. P. Zyat'kov, G. S. Bylina, A. P.
El'nitskiy, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII,
No 6, 1959, pp ~~xxx~~ 1201-1203.

CB

Sci - Chem
Sep 60

127,758

Synthesis of α,ω -Di(Cyanoalkyl)Tetraalkyldisloxanes,
by V. M. Vdovin, R. Sultanov, 8 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII,
No 6, 1959, pp 1204-1207.

CB

Sci - Chem
Sep 60

127,757

The Use of Induced α -Particles From Artificial
Radioactivity for the Quantitative Control of
Products Containing Aluminum and Boron, by
L. N. Plaksin, V. N. Smirnov, P. Starik, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII,
No 6, 1959, pp 1208-1209.

CB

Sci - Chem
Sep 60

127,759

ON THE OXIDATION OF COPPER PHTHALATE WITH AMMONIA;
by N. M. Stafeyeva, V. N. ~~REDACTED~~ Bogoslovskiy,
G. I. Chufarov, V. A. Subbotina, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII, No 6,
1959, pp 1210- ~~1212~~

CB

Sci - Chem
Sep 60

127,760

The Equilibrium Distribution of Deuterium During
Hydrogen Exchange With Liquid Deuterium Iodide,
by P. P. Alykhanov, Ya. M. Varshavskiy, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII, No 6,
1959, pp 1214-1216.

Consultants Bureau

Sci

Aug 60

126,536

The Solution of Metallic Magnesium in Fused
Chlorides, by N. G. Bukun, E. A. Ukshe, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXXVIII, No 6,
1959, pp 1217-1219.

Consultants Bureau

Sci

Sep 60

126,537

Turbulent Combustion in an Enclosed Space, by
V. P. Karpov, E. S. Semenov, A. S. Sokolik,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII, No 6,
1959, pp 1220-1223.

Consultants Bureau

Sci

Sep 60

126,538

The Spectra of Paramagnetic Electron
Resonance and the Kinetics of the Accumulation
of Radicals Formed During the Irradiation of
Frozen Aqueous Solutions of Sodium Nitrate
by Fast Electrons, by Yu. N. Molin, V. A.
Sharpatyy, N. Ya. Buben, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII, No 6,
1959, pp 1224-1227.

Consultants Bureau

Sci

Sep 60

126,586

A Study of Absorption Layers on Liquid Metal
Surfaces, by N. L. Pokrovskiy, D. S. Tissen,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII, No 6,
1959, pp 1228-1231.

Consultants Bureau

Sci

Sep 60

126,587

Copolymerization of Parachlorostyrene With α -Methylstyrene and Styrene Under the Action of Alkali Catalysts, by Ya. L. Spirin, A. R. Gantmakher, S. S. Medvedev, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII, No 6, 1959, pp 1232, 1233.

CB

Sci

Aug 60

Molecular Orbitals of $\text{Cr}(\text{C}_5\text{H}_5)_2$
(Dibenzenechromium) $\text{Fe}(\text{C}_5\text{H}_5)_2$ Ferrocene or
Biscyclopentadienyliron⁵ and $\text{Co}(\text{C}_5\text{H}_5)_2^+$
(Biscyclopentadienylcobalt Ion), by
E. M. Shustorovich, M. E. Dyatkina, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII, No 6,
1959, pp 1234-1237.

Consultants Bureau

Sci

Sep 60

126,588

Critical Conditions for the Thermal Explosion
of Tetryl, by A. G. Merzhanov, V. G. Abramov,
F. I. Dubovitskiy, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII, No 6,
1959, pp 1238-

Consultants Bureau

Sci

Sep 50

126,589

On the Lower Devonian of the South Minskinsk
Syncline, by V. I. Krasnov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXCVIII,
No 6, 1959, pp 1242-1244.

ACI

Sci

Jun 61

154,644

Carichium Minimum (Mollusca, Fulmonata) in the Neocene
Deposits of Kirgiziya. The Problem of the Structure
of the Upper Tertiary Landscape of Inner Tien Shan,
by P. V. Matyekin, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CKXVIII, No 6,
~~1960~~, pp 1245-1246.

1959

AGI

Sci

Jun 61

Characteristics of Surficial Deposits in the
Middle and Lower Ob River Valley, by
A. V. Minervin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLVIII,
No 6, 1959, pp 1247-1249.

AGI

Sci

Jun 61

154,645

Pressure Corrections for the Homogenization
Temperatures of Aqueous NaCl Solutions,
by P. V. Klevtsov, G. G. Lemmlein, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII,
No 6, 1959, pp 1250-1253.

AGI

Sci

Jun 61

154,653

The Composition of Siliceous Rocks of the
Paleogene of the Middle Area of the Volga
River, by V. V. Vlasov, U. G. Distanov,
Yu. I. Sozin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII,
No 6, 1959, pp 1254-1257.

AGI

Sci

Jun 61

154,655

Classification of Phosphorites, by B. M;
Gimelfarb, N. A. Krasilnikova, A. M;
Tushina, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII,
No 6, 1959, pp 1258-1261.

AGI

Sci

Jun 61

154,661

Organic Carbon and Sulfur in the Kerch Iron Ores,
by V. F. Malakhovsky, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII, No 6,
1966, pp 1262-1265.

1959

AGI

Sci

Jun 61

Geochemical Mobility of the Elements in the
Deposits of the Maykop Formations, by
Yu. A. Pryakhina, 3 pp.

RUSSIAN, per, Dok Ak. Nauk SSSR, Vol CXXVIII,
No 6, 1959, pp 1266-1269.

AGI

Sci

Jun 61

154,615

Distribution of Zooplankton in the Northeast
Section of the Pacific Ocean in the Winter of
1958-1959, by K. V. Beklemishev, E. A. Lubny-
Gertysk.

~~RUSSIAN~~

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII,
No 6, 1959, pp 1271-1273.

NRCC C-3406
Dept of Interior
QH301 C273 No 261

Sci - Biology
Dec 60

138 946

A Semiparasite From Tertiary Red Algae (Corallinaceae),
by V. P. Maslov, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII, No 6,
1960, pp 1274-1275.

AGI

Sci
Jun 61

On the Discovery of Remains of the Genus *Sciadopitys*
S. and Z. in the Upper Cretaceous Deposits of the
Urals, by P. I. Dorofeyev, I. N. Sveshnikova,
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII,
No 6, 1949, pp 1276-1278.

AGI

Sci

Jun 61

154,659

The Frequency of Induced Dominant Lethals at
Different Stages of Spermatogenesis in
Drosophila, by M. L. Bel'govskiy, E. A.
Abolava, N. A. Potekhina, 4 pp.

RUSSEAN, per, Dok Ak Nauk SSSR, Vol CXCVIII,
No 6, 1959, pp 1279-1283.

Amer Inst of Biol Sci

Sci

119, 196

Jun 60

Development of the Polyploid Sugar Beet, by V. V.
Sakharov, V. V. Mansurova, R. N. Platonova,
V. K. Shcherbakov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVII,
No 6, 1959, pp 1283-.

Amer Inst of Biol Sci

Sci

Jun 60

A Study of the Intracellular Reactions of
Influenza Virus by Luminescence Microscopy,
by N. A. Maksimovich, V. P. Mitchenko, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII,
No 6, 1959, pp 1286-.

Amer Inst of Biol Sci
119,232

Sci

Jun 60

Cytochemical Changes in the Nerve-Cell
Nucleoproteins of Mammals in Various Stages
of Radiation Sickness, by A. L. Shabadash,
T. I. Zollikina, N. D. Agracheva, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII,
No 6, 1959, pp 1290-.

Amer Inst of Phys
Sov Phys-Doklady
Vol IV, No 5

Sci

May 60

117,231

Mechanism of the Effect of Artificial Hypothermia on
Protein Synthesis, by Yu. E. Babetskaya, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII, No 6,
1959, pp 1294-1297.

Amer Inst of Biol Sci

118,972

Sci

Jun 60

Glycogenolysis by Preparations of Liver α -1,4-
Polyglucosidase Not Containing α -Amylase, by E. L.
Rozenfel'd, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII, No 6,
1959, pp 1298-.

Amer Inst of Biol Sci

118,973

Sci

Jun 60

Effect of Phosphorus Nutrient on Transpiration
of Woody Variety Seedlings, by D. P. Viktorov,
P. I. Dystryantsev, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII,
No 6, 1959, pp 1302-1304.

Amer Inst of Biol Sci

Sci

Jul 60

120,727

Relation of Optical Properties of Plant Leaves
to Soil Fertilization, by V. P. Dadykin, V. P.
Bedenko, Yu. A. Davydova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII,
No 6, 1959, pp 1305-1308.

Amer Inst of Biol Sci

Sci

Jul 60

120,728

Effect of Gibberelin-Like Substances Extracted From
Leaves of Different Plants on Growth and Flowering
of Rudbeckia, by M. Kh. Chailakhyan, V. N. Lozhnikova,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII, No 6,
1959, pp 1309-.

Amer Inst of Biol Sci

Sci

Jul 60

120,729

Early negative feedback in the brain and its effect
on different nerve stimulation, by A. H. Hillard
V. H. Gerasimovskiy, 4 pp.

RUSSIAN, gov. Dokl Ak Nauk SSSR, Vol. 25, 1959,
No 6, pp 1313-1316.

Amer Inst of Biol Sci

Sad

119,221

Am. 60

Basic Problems in the Calculation of the Cohesion
Between Reinforcement with a Periodic Profile and
Concrete in Centrally Reinforced Prismatic Members, by
M. M. Kholmyanskiy, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 1,
1959, pp 48-.

Amer Inst of Phys
Sov Phys-Doklady
Vol IV, No 6

Sci

Jul 60

120,663

Gas-Ionizing Magnetohydrodynamic Shock Waves, by
A. G. Kulikovskiy, G. A. Lyubimov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 1,
1959, pp 52-55.

Amer Inst of Phys
Sov Phys-Doklady
Vol IV, No 6

JPRS 5277

Sci

120, 652

Jul 60

An Experimental Investigation of Nonstationary
Flow in Visco-Plastic Fluids, by G. D. Rozenberg,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 1,
1959, pp 56-58.

Amer Inst of Phys
Sov Phys-Doklady
Vol IV, No 6

Sci

Jul 60

120,651

Wave Diffraction in the Cauchy-Poisson Problem,
by L. N. Sretenskiy, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 1,
1959, pp 59-.

Amer Inst of Phys
Sov-Phys - Doklady
Vol IV, No 6

Sci

Jul 60

p-n Junctions at Low Temperatures, by B. M. Vol; 4 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 1,
1959, pp 61-63.

Amer Inst of Phys
Sov Phys-Doklady
Vol IV, No 6

Sci

Jul 60

120,666

The Motion of Gaseous Bubbles in a Liquid
Under the Influence of Bjerknes Forces Arising
in an Acoustic Field, by V. F. Kazantsev, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 1,
1959, pp 64-67.

Amer Inst of Phys
Sov Phys-Doklady
Vol IV, No 6

120,668

Sci

Jul 60

A Test of the Conservation of Parity in Strong
Interactions at High Energies, by V. G. Solov'yev,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 1,
1959, pp 68-71.

Amer Inst of Phys
Sov Phys-Doklady
Vol IV, No 6

Sci

Jul 60

122,667

Variation in the Adsorption Properties of Silica
Gel Under the Action of Gamma-Irradiation, by
S. V. Starodubtsev, Sh. A. Ablyayev, S. E. Ermatov.
2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 1,
1959, pp 72-73.

Amer Inst of Phys
Sov Phys-Doklady
Vol IV, No 6

RUSSIAN & FRENCH
OTS TT-62-28260

Sci

Jul 60

120,669

A New Method for the Calculation of Statistical
Weights of Rotational Levels of Polyatomic Molecules,
by E. D. Trifonov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 1,
1959, pp 74-.

Amer Inst of Phys
Sov Phys-Doklady
Vol IV, No 6'

Sci

Jul 60

120,670

S-5599

(DC-3252).

Some USSR Results Obtained by Measuring the
Magnetic Field of the Earth With a Space Rocket,
by S. Sh. Dolginov, N. V. Pushkov, 7 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 1,
Nov-Dec 1959, pp 77-80.

JPRS-L-1981-D NLL 11.25.73

Sci - Geophys
Jan 60

X-4170
HGI

105 7.21

Mesures des spectres de masses des ions de
la haute atmosphere a l'aide du 3eme satellite
artificiel de la terre, by V. G. Istomin, 8 pp.

RUSSIAN to FRENCH, per, Dok Ak Nauk SSSR, Vol CXXIX,
1959, pp 81-84.

Reverse Translation
CEA-R-1744

Sci
May 64

Application of Relaxation Oscillators for the
Generation of Frequency-Modulated Oscillations, by
A. A. Vasil'yev, 3 pp.

RUSSIAN, per, Dokl Ak Nauk SSSR, Vol CXIX, No 1,
1959, pp 85-87.

Amer Inst of Phys
Sov Phys-Doklady
Vol IV, No 6

*Soviet Physics
Doklady
Vol IV, No 6*

Sci

Jul 60

120, 686

The Problem of Strengthening High-Pressure
Vessels, by M. G. Gonikberg, D. S. Tsiklis,
A. A. Opekunov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 1,
1959, pp 88-90.

Amer Inst of Phys
Sov Phys-Doklady
Vol IV, No 6

Sci

Jul 60

JPRS 57274
OTS 60-41113

120,688

The Problem of the Mechanism of Fracture of Solids,
by S. N. Zhurkov, A. V. Savitskiy, 4 pp. -

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 1,
1959, pp 91-.

Amer Inst of Phys
Sov Phys-Doklady
Vol IV, No 6

Sci

Jul 60

120,689

Catalytic Polymerization of Propylene-Propane Mixtures
Over Phosphoric Acid on Kieselguhr, by L. I. Antsus,
A. D. Petrov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 1, 1959,
pp 95-97.

CB

Sci
Oct 60

129,929

2-Ethylenimino-2-Phenyl-1,3-Indanedione, by A.
Aren, G. Ya. Vanag, 4 pp.

RUSSIAN, per, DOK AK Nauk SSSR, Vol. CXXIX, No.
1959, pp 98-101.

CB

Sci
Oct 60

129,95

Stereochemical Study of the Active Centers of a
Catalyst, by S. A. Balandin, N. I. Klabunovskiy,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 1,
1959, pp 102-104.

CB

Sci
Oct 60

129,930

A Study of the Oxidation of $TiCl_3$ With Isopropyl-
zene Hydroperoxide in Aqueous and Hydrocarbon M-
by G. P. Belonovskaya, B. A. Dolgoplosk, Zh. D.
Chernova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 1,
1959, pp 105-108.

CB

Sci
Oct 60

129,932

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 1,
1959, pp 109-112.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 1,
1959, pp 109-112.

CB

TT-64-2015

Sci

Oct 60

129,933

Autooxidation of prisopropylcyclohexylbenzene
Autooxidation, by S. V. Zavgorodny, V. L. Zhe-
nyaya, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No
1959, pp 113-116.

CB

Sci
Oct 60

129,933

Investigation of the Rearrangement of Hydrazo Compounds Under the Influence of Un-Ionized Acids, by V. O. Lukashevich, L. G. Krolik, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 1, 1959, pp 117-120.

CB

Sci
Oct 60

129,934

The Infrared Spectra and Structure of Diamine
Acetylides, by A. M. Rodionov, G. V. Kabanov,
T. V. Talaleva, D. N. Shegorin, K. A. Kochanov,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No.
1959, pp 121-124.

CB

Sci
Oct 60

129,936

Investigations of Triterpens, Myricadiol From the
Bark of Myrica Gale L, by A. A. Ryabinin, L. G.
Moryukhina, 4 pp.

RUSSIAN, per, Dok Bk Nauk SSSR, Vol CXXIX, No 1,
1959, pp 125-127.

CB

Sci
Oct 60

129,937

Dehydrogenation of n-Nonane Over Chromia-Alumina
Catalyst, by E. A. Timofeyeva, N. I. Shuikin, Yu. I.
Plotnikov, V. M. Kleimenova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 1,
1959, pp 128-130.

CB

Sci
Oct 60

SLA 61-10578
ATS-69M4R
129,939

The Influence of the Degree of Modification of a
Silica Surface by Trimethylchlorosilane on the
Adsorption Properties of the Surface, by I. Yu.
Babkin, V. S. Vasil'yeva, I. V. Drogaleva, A. V. ~~Kiselev~~,
Kiselev, A. Ya. Korolev, K. D. Shcherbakova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 1,
1959, pp 131-134.

CB

Sci

Oct 60

130,082

The Study of the Bi_2Te_3 - H_2S_3 System, by M. I. Bagdasaryan, N. Kh. Abramov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXXIX, No 1959, pp 135-137.

CB

Sci

Oct 60

130,083

The Mechanism of the Oxidation of Propylene to
Acrolein on a Cuprous Oxide Catalyst, by O. V.
Isayev, L. Ya. Margolis, I. S. Sazonov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 1,
1959, pp 141-144.

~~RUSSIAN, per, Do,~~
~~195~~

ATS-RS-2401
CB

Sci

ATS-447139R

Oct 60

131, 245

Electron Paramagnetic Resonance Spectra of
Certain Catalysts and Catalyst-Hydrocarbon
Systems, and the Action of γ -Radiation on Them
by Yu. A. Kolbanovskiy, I. M. Kustanovich, L. I.
Polak, A. S. Shcherbakova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No :
1959, pp 145-148.

CB

Sci

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED

1301080

Oct 60

the Adhesion Between Polymers and Modified Glass
Surfaces in Relation to the Charge-Reversal
Phenomena Observed on Separation, by N. A.
Krotova, L. P. Morozova, B. V. Deryagin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No
1959, pp 149-152.

CH

Sci

Oct 60

130,081

The Theory of Stationary Combustion in Powders,
by A. G. Marzhannov, F. I. Dubovitskiy, 4 pp.

RUSSIAN, par, Dok Ak Nauk SSSR, Vol CXXIX, No 1,
1959, pp 153-156.

CB

Sci

Oct 60

130,076

The Theory of Low-Pressure Decomposition of Nitrous
Oxide, by E. E. Nikitin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 1,
1959, pp 157-160.

CB

Sci

Oct 60

130,077

THE EFFECT OF ULTRASONIC RADIATION ON THE
Absorption of Carbon Dioxide, by Water, by
V. Yu. Orlov, N. M. Zhavoronkov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, 1
1959, pp 161-164.

GB

Sci

Oct 60

1301078

Determination of "Unperturbed" Macromolecular
Dimensions in Good Solvents, by O. E. Ptitsyn,
A pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 1,
1959, pp 165-167.

CB

Sci

Oct 60

131,519

The Effects of Temperature on the Rate of Turbulent Combustion, by A. Sokolik, V. P. Karpov, 4 pp.

RUSSIAN, per, Dokl Ak Nauk SSSR, Vol. CXXIX, 1959, pp 168-171.

CS

Sci

Oct 60

130,079

The Effects of the Degree of Degassing on the
Electron Work Function in Nickel, by N. A.
Shumovskaya, R. Kh. Burshtein, 2 PP.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXII, No 1,
1959 , PP 172-.

CB

Sci

Oct 60

The Properties of Melts in the CaO-FeO-SiO_2
System When the FeO Is Replaced by Zinc Oxide,
by D. M. Chizhikov, Z. F. Gulyanitskaya, V. P.
Schastlivyi, R. N. Petrova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 1,
1959, pp 174-176.

CB

Sci

Oct 60

130,659

The Influence of the Temperature of the Medium on
the Induction Time in the Attachment of Mineral
Particles to an Air Bubble, by M. A. Eigeles, M.
L. Volova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 1,
1959, pp 177-.

CB

Sci

Oct 60

1301660

The Generic Assemblages of Trilobites and
Archaeocyathids of the Lower Cambrian
of the Altai-Sayan Region, by I. T.
Zhuravleva, L. N. Repina, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX.
No 1, 1959, pp 181-183.

AGI

Sci
Jun 61

154,666

On the Regularities in the Distribution of the Zones of Gas and Oil Accumulation in the Apsheron Peninsula and in the Neighboring Regions and on Their Association With the Geostructural Development of the Surrounding Regions, by G. P. Tamrazyan, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 1,
~~1960~~, pp 184-186.
1959

AGI

Sci

Jun 61

The Discovery of a Primitive Lycopod in the
Silurian of Kazakhstan, by M. A. Senkevich,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX;
No 1, 1959, pp 187-190.

Sci

Jun 61

AGI

61-15891
154,696

Experimental Thyroid Dysfunction in the Mother and Its
Effect on the Connective Tissue of the Skin in the
Albino Rat Embryo, by M. S. Vinogradova, 3 pp.

RUSSIAN, per Dok Ak Nauk SSSR, Vol CXXIX, No 1, 1959,
pp 191-

Amer Inst of Biol Sci

Sci
Jul 60

121,052

Natural Hybridization of Sturgeons in the Volga,
by A. T. Dyuzhikov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 1,
1959, pp 194-.

Amer Inst of Biol Sci

Sci -
Jul 60

121,065

Transmission of Rythmical Changes in Rate of Movement of Protoplasm under the Influence of a Traveling Excitation Wave, by A. M. Sinyukhin, L. G. Nazarova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 1, 1959, pp 198-201

Amer Inst of Phys
Sov Phys-Doklady
Vol IV, No 6

Sci

Jul 60

120,704

Iron Ion Oxidation Processes in an Ultrasonic Field,
by I. E. El'piner, A. V. Sokol'skaya, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 1,
1959, pp 202-.

Amer Inst of Phys
Sov Phys-Doklady
Vol IV, No 6

Sci

Jul 60

120,705

Study of the Biosynthesis of Lignin in
Isolated Carrot Tissues, by M. S. Bardinakaya,
V. I. Safonov, 5pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX,
No 1, 1959, pp 205-208.

Amer Inst of Biol Sci

118,974

Sci

Jun 60

Transamination of β -Methylaspartic Acid in
Liver Slices, by G. A. Galatov, S. R. Mandashov,
3 pp.

RUSSIAN, paper, Dok Ak Nauk SSSR, Vol CXXIX,
No 1, 1959, pp 209-211.

Amer Inst of Biol Sci 118,975

Sci

Jun 60

Reproduction of Polymeric Films by Laser Light
Inclusions and the Restoration of the Inclusive
Properties by Treatment With Nucleic Acids, by R. E.
Selganik, P. P. Kotel', A. N. Mosolov, 4 pp.

RUSSIAN, per, Dokl Ak Nauk SSSR, Vol XXXIX, No 1,
1959, pp 212-212.

Amer Inst of Biol Sci

118,976

Sci

Jun 60

The Discovery of Hordeum Lagunculiforme Bacht, on an
Area in Turkmen SSR, by F. Kh. Bekhteyev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 1, 1959,
pp 216-.

Amer Inst of Biol Sci

Sci

Jul 60

120,730

A Rare Type of Pollen in Hybrid Narcissus, by G. E.
Kapinos, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 1,
1959, pp 220-.

Amer Inst of Biol Sci

Sci

Jul 60

120,734

The Effect of Adenine and Kinetin on the
Differentiation of Flower Buds in Perilla Stem
Tips, by M. Kh. Chailakhyan, R. G. Butenko,
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX,
No 1, 1959, pp 224-.

Amer Inst of Biol Sci

Sci

Jul 60

120,736

Changes in the Frequency Components of the Human
Electroencephalogram in Response to Flickering Light, by
V. A. Il'yanok, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 1, 1959,
pp 228-230

Amer Inst of Biol Sci
ATS/RJ-2591

Sci
Jul 60

121,039

Convergence of Sequences of Analytical and
Meromorphic Functions, by G. Ts. Tumarkin.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX,
No 2, 1959, pp 280-283.

Navy/JIU/APL TG 230-1259

Sci - Phys
Feb 62

184,874

The Use of a Contact Photographic Method for the
Study of Weak Light Fluxes, by I. V. Volkov, V. F.
Esipov, P. V. Shcheglov, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 2,
1959, pp 238-.

Amer Inst of Phys
Sov-Phys - Doklady
Vol IV, No 6

Sci

Jul 60

The Investigation of Exact Solutions of Nonstationary
Diffraction Problems in the Neighborhood of Wave
Fronts, by V. S. Buldyrev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 2,
1959, pp 291-294.

Amer Inst of Phys
Sov Phys-Doklady
Vol IV, No 6

120,660

Sci

Jul 60